

## ABSTRACT OF THE DISCLOSURE

A method and system is disclosed which permits a user to save user defined viewing configuration, also referred to as a bookmark as a separately manipulatable or transferable entity without altering the underlying image data and maintaining, where desired, the association between the bookmark 200 and the underlying source image data. The disclosed system and method act to save the bookmark by saving the succession of system inputs, which, in conjunction with the system characteristics and system parameters, achieve the desired viewing configuration. Thereby, the disclosed system and method permits review of the inputs used to manipulate the image to confirm the process by which a diagnosis or anatomical measurement was made, permits the replay of a sequence for presentation or training purposes to effectively demonstrate not only the end result, but the methodology as well. The disclosed system and method further permits the user to save the system parameters as set for a desired given viewing configuration of a 4D image sequence in addition to or in lieu of saving the system inputs. In this way, the desired viewing configuration is preserved while maintaining the integrity of the underlying image data. In addition, the disclosed system and method further permit the user to maintain or terminate the association of the bookmark 200 with the entirety of the source image data, or just a portion thereof.